

Notice of Allowability

Application No.

10/772,454

Examiner

Vincent E. Kovalick

Applicant(s)

AKIMOTO ET AL.

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's Amendment dated August 13, 2007.
2. ☒ The allowed claim(s) is/are 1-13 (Re-numbered 1-13).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Response to Amendment

1. This Office Action is in response to Applicant's Amendment dated August 13, 2007 in response to USPTO Office Action dated April 13, 2007.

The Amendments to claims 1 and 13 and the merit of Applicant's remarks are sufficient to place the application in a condition for allowance as set forth hereinbelow.

Allowable Subject Matter

2. Claims 1-13 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Relative to claims 1 and 13, the major difference between the teachings of the prior art of record (Smith et al. (Pub. No US 2005/0219163) and Ito, (Pub/ No. 2004/0016924)) and that of the instant invention is that said prior art of record **does not teach** an image display device comprising: a pixel having a light emitting device which is driven to emit light on the basis of a display signal current; a display unit constructed by a plurality of said pixels arranged in a matrix; a signal line for passing said display signal current to said pixels; write pixel selecting means for selecting at least one row or column of said pixels to which said display signal current is to be passed via said signal line from said plurality of pixels; storing means for storing data fetched from the outside; and display signal current generating means for generating said display signal current by performing an image data process on the basis of said stored data, wherein said write pixel selecting means further includes a function of simultaneously selecting N rows or columns of pixels, N being an integer equal to or greater than 2.

Relative to claim 12, the major difference between the teachings of the said prior art of record and that of the instant invention is that said prior art of record **does not teach** the said image display device comprising: a pixel having a light emitting device which is driven to emit light on the basis of a display signal current; a display unit constructed by a plurality of said pixels; a signal line for passing the display signal current to said pixels; write pixel selecting means for selecting a pixel to which said display signal current is to be passed via said signal line from said plurality of pixels; and display signal current generating means for generating said display signal current, wherein said light emitting device is an organic light emitting diode provided in said pixel, and first switching means provided between an anode electrode of said organic light emitting diode and a first node; second switching means provided between said first node and said signal line; a drive TFT of an n-type channel of said organic light emitting diode provided between said first node and a power source line; third switching means provided between a gate and a drain of said drive TFT; and capacitance means provided between the gate and a source of said drive TFT.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No.	6,577,302	Hunter et al.
Pub. No.	US 2005/0145891	Abe
Pub. No.	US 2005/0123265	Kimura
Pub. No.	US 2001/0026251	Hunter et al.

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To Respond

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vincent E. Kovalick whose telephone number is 571-272-7669. The examiner can normally be reached on Monday-Thursday 7:30- 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Vincent E. Kovalick
October 1, 2007



BIPIN SHALWALA
ASSISTANT PATENT EXAMINER
TECHNOLOGY CENTER 2600